

[REDACTED]

(Assistant Examiner) (Date)

(Legal Instruments Examiner)

(Date)

**D. Margaret Seaman**  
Primary Examiner  
Art Unit 1625

(Primary Examiner)

6/20/04  
(Date)

**Total Claims Allowed: 14**

**O.G.**  
**Print Claim(s)**

1

**O.G.**  
**Print Fig.**

none

☐ Claims renumbered in the same order as presented by applicant☐ CPA☐ T.D.

☐ R.1.47

| Final | Original |  | Final | Original |  | Final | Original |  | Final | Original |  | Final | Original |  | Final | Original |
|-------|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|-------|----------|
| 1     | 1        |  |       | 31       |  |       | 61       |  |       | 91       |  |       | 121      |  |       | 181      |
| 2     | 2        |  |       | 32       |  |       | 62       |  |       | 92       |  |       | 122      |  |       | 182      |
| 3     | 3        |  |       | 33       |  |       | 63       |  |       | 93       |  |       | 123      |  |       | 183      |
| 4     | 4        |  |       | 34       |  |       | 64       |  |       | 94       |  |       | 124      |  |       | 184      |
| 5     | 5        |  |       | 35       |  |       | 65       |  |       | 95       |  |       | 125      |  |       | 185      |
| 6     | 6        |  |       | 36       |  |       | 66       |  |       | 96       |  |       | 126      |  |       | 186      |
| 7     | 7        |  |       | 37       |  |       | 67       |  |       | 97       |  |       | 127      |  |       | 187      |
| 8     | 8        |  |       | 38       |  |       | 68       |  |       | 98       |  |       | 128      |  |       | 188      |
| 9     | 9        |  |       | 39       |  |       | 69       |  |       | 99       |  |       | 129      |  |       | 189      |
| 10    | 10       |  |       | 40       |  |       | 70       |  |       | 100      |  |       | 130      |  |       | 190      |
|       | 11       |  |       | 41       |  |       | 71       |  |       | 101      |  |       | 131      |  |       | 191      |
| 11    | 12       |  |       | 42       |  |       | 72       |  |       | 102      |  |       | 132      |  |       | 192      |
| 12    | 13       |  |       | 43       |  |       | 73       |  |       | 103      |  |       | 133      |  |       | 193      |
| 13    | 14       |  |       | 44       |  |       | 74       |  |       | 104      |  |       | 134      |  |       | 194      |
| 14    | 15       |  |       | 45       |  |       | 75       |  |       | 105      |  |       | 135      |  |       | 195      |
|       | 16       |  |       | 46       |  |       | 76       |  |       | 106      |  |       | 136      |  |       | 196      |
|       | 17       |  |       | 47       |  |       | 77       |  |       | 107      |  |       | 137      |  |       | 197      |
|       | 18       |  |       | 48       |  |       | 78       |  |       | 108      |  |       | 138      |  |       | 198      |
|       | 19       |  |       | 49       |  |       | 79       |  |       | 109      |  |       | 139      |  |       | 199      |
|       | 20       |  |       | 50       |  |       | 80       |  |       | 110      |  |       | 140      |  |       | 200      |
|       | 21       |  |       | 51       |  |       | 81       |  |       | 111      |  |       | 141      |  |       | 201      |
|       | 22       |  |       | 52       |  |       | 82       |  |       | 112      |  |       | 142      |  |       | 202      |
|       | 23       |  |       | 53       |  |       | 83       |  |       | 113      |  |       | 143      |  |       | 203      |
|       | 24       |  |       | 54       |  |       | 84       |  |       | 114      |  |       | 144      |  |       | 204      |
|       | 25       |  |       | 55       |  |       | 85       |  |       | 115      |  |       | 145      |  |       | 205      |
|       | 26       |  |       | 56       |  |       | 86       |  |       | 116      |  |       | 146      |  |       | 206      |
|       | 27       |  |       | 57       |  |       | 87       |  |       | 117      |  |       | 147      |  |       | 207      |
|       | 28       |  |       | 58       |  |       | 88       |  |       | 118      |  |       | 148      |  |       | 208      |
|       | 29       |  |       | 59       |  |       | 89       |  |       | 119      |  |       | 149      |  |       | 209      |
|       | 30       |  |       | 60       |  |       | 90       |  |       | 120      |  |       | 150      |  |       | 210      |